

# Fastcampus Data Science SCHOOL

git

github pages

# My First Github Pages

github 저장소를 활용해 정적인 사이트 호스팅이 가능

username.github.io

<http://tech.kakao.com/>

<https://spoqa.github.io/>

## sample index page

After create new repo through github,

```
$ git clone https://github.com/username/username.github.io.git
```

Create New file `index.html`

```
$ git add .
```

```
$ git commit -m "first page"
```

```
$ git push origin master
```

## sample index page

```
<!doctype html>
<html>
  <head>
    <meta charset="utf-8">
    <title>My first gh page</title>
  </head>
  <body>
    <h1>Home</h1>
    <p>Hello, there!</p>
  </body>
</html>
```

## Static Site Generator

- **Jekyll**: Ruby 기반 정적인 블로그 생성기
  - 설치와 사용이 쉬움
  - 사용자가 많았음
- **Hugo**: Golang 기반 정적인 블로그 생성기
  - 빠른 속도로 사이트를 생성
  - 사용자 증가 중
- **Hexo**: Node.js 기반 정적인 블로그 생성기
  - Node.js를 안다면 커스터마이징이 쉬움
  - 빠른 속도로 사용자 증가 중

## Recommand

Jekyll > Hugo > Hexo

# What is branch?

# What is branch?





# What is branch?

분기점을 생성하고 독립적으로 코드를 변경할 수 있도록 도와주는 모델

ex)

master branch

```
print('hello world!')
```

another branch

```
for i in range(1,10):  
    print('hello world for the %s times!' % i)
```

# Branch

Show available local branch

```
$ git branch
```

Show available remote branch

```
$ git branch -r
```

Show available All branch

```
$ git branch -a
```

# Branch

Create branch

```
$ git branch stem
```

Checkout branch

```
$ git checkout stem
```

Create & Checkout branch

```
$ git checkout -b new-stem
```

make changes inside [readme.md](#)

```
$ git commit -a -m 'edit readme.md'
```

```
$ git checkout master
```

merge branch

```
$ git merge stem
```

# Branch

delete branch

```
$ git branch -D stem
```

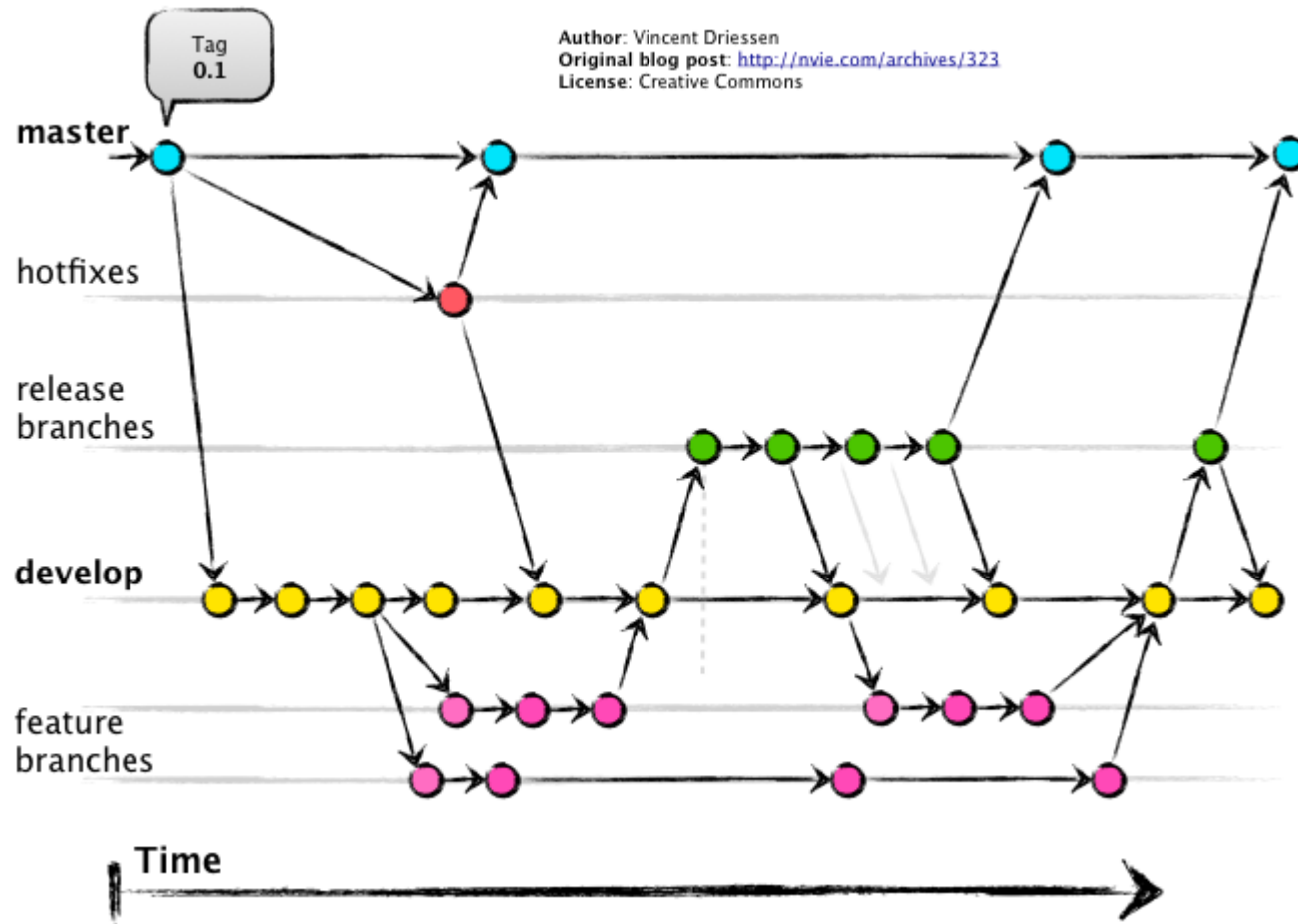
push with specified remote branch

```
$ git push origin stem
```

see the difference between two branches

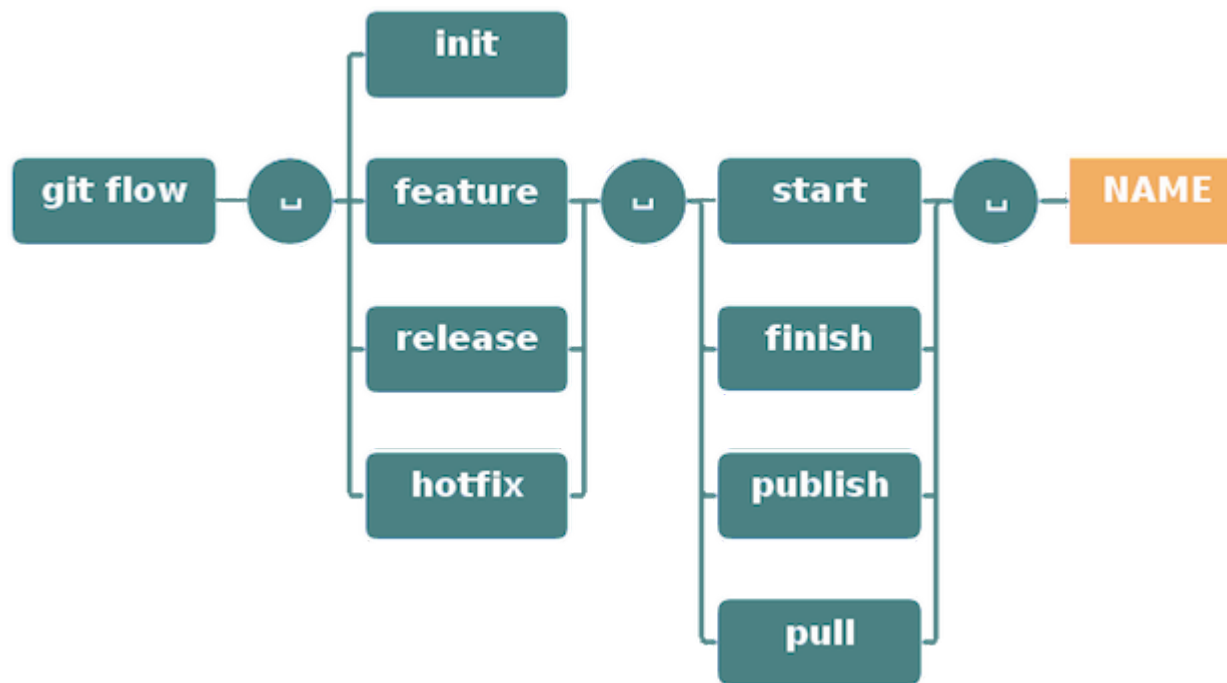
```
$ git diff master stem
```

# git flow strategy



use git flow easily!

[Link](#)



Collaborate with your Co-worker

# Method 1: Collaboration

## Add Collaborator

[Code](#) [Issues 0](#) [Pull requests 0](#) [Projects 0](#) [Wiki](#) [Settings](#) [Insights ▾](#)

[Options](#)  
**Collaborators**  
[Webhooks](#)  
[Integrations & services](#)  
[Deploy keys](#)

CollaboratorsPush access to the repository

This repository doesn't have any collaborators yet. Use the form below to add a collaborator.

Search by username, full name or email address

You'll only be able to find a GitHub user by their email address if they've chosen to list it publicly. Otherwise, use their username instead.

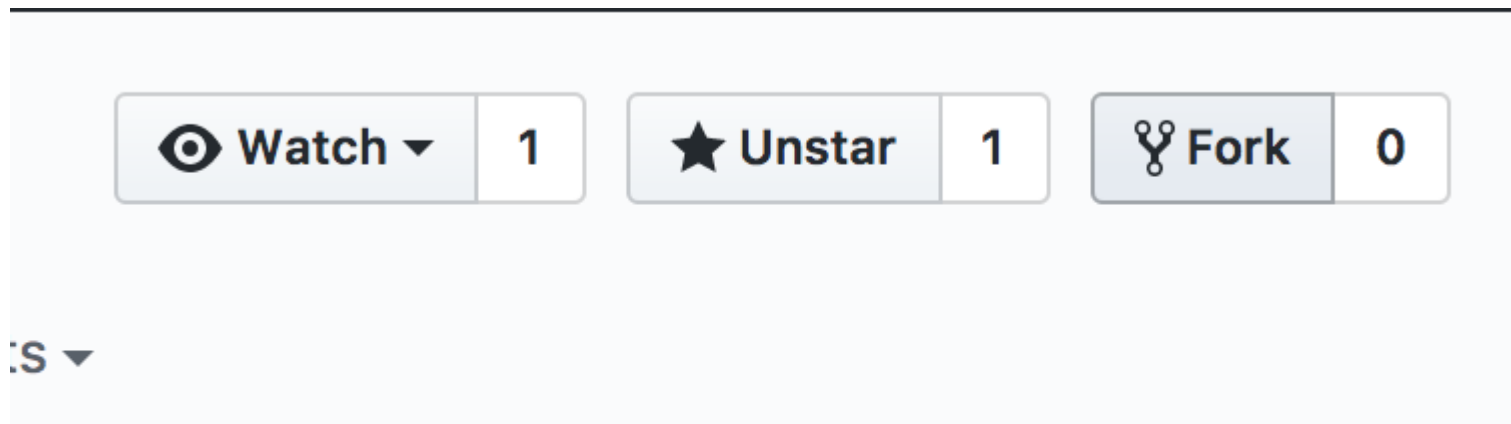
Add collaborator



# Collaboration

Add, Commit and Push like you own it.

## Method 2: Fork and Merge

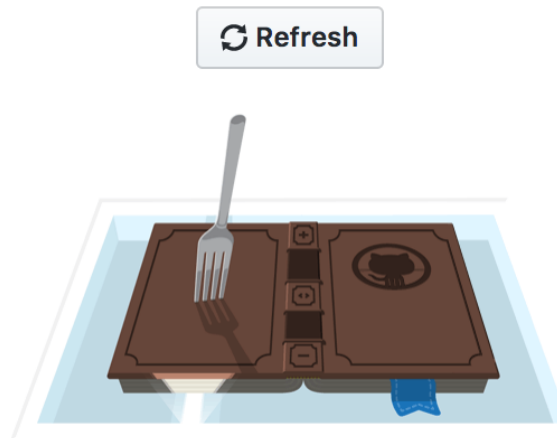


# Fork and Merge


---


## Forking JKeun/study-of-regression-toyota-corolla


It should only take a few seconds.





# Fork and Merge


 **ulgoon / study-of-regression-toyota-corolla**  
forked from [JKeun/study-of-regression-toyota-corolla](#)


 **Code**


 Pull requests **0**


 Projects **0**

 Wiki



 **Study - Regression Analysis using ToyotaCorolla dataset**  
[Add topics](#)

 **9 commits**

 **1 branch**

Branch: **master** ▼

**New pull request**

## Fork and Merge

```
$ git clone https://github.com/username/forked-repo.git
```

```
$ git remote add upstream
```

```
https://github.com/anotheruser/original-repo.git
```

## Fork and Merge

```
$ git fetch upstream
```

```
$ git merge upstream/master
```

```
$ git branch -a
```

```
$ git checkout -b new-feature
```

## Fork and Merge

Make some change

```
$ git add file
```

```
$ git commit -m "commit message"
```

```
$ git push origin new-feature
```

# Fork and Merge

*No description, website, or topics provided.*

Edit

[Add topics](#)

1 commit

3 branches

0 releases

1 contributor

Your recently pushed branches:

edit-index (less than a minute ago)


Compare & pull request




# Fork and Merge

## Open a pull request

Create a new pull request by comparing changes across two branches. If you need to, you can also [compare across forks](#).

 base fork: kingwangzzang1234/kingwa... base: master ... head fork: ulgoon/kingwangzzang1234... compare: edit-index

✓ **Able to merge.** These branches can be automatically merged.



edit index.html

Write

Preview

AA ▾ B i “ <> 🔗 ⋮ 1/2 ⋮ ✓

add header, footer tag


Attach files by dragging & dropping, [selecting them](#), or pasting from the clipboard.


☒ **Allow edits from maintainers.** [Learn more](#)


Create pull request

# Fork and Merge

## edit index.html #2

 **Open** ulgoon wants to merge 1 commit into `kingwangzzang1234:master` from `ulgoon:edit-index`

 Conversation 0

 Commits 1

 Files changed 1




ulgoon commented 17 seconds ago

Contributor



add header, footer tag

 edit index.html ...

d81b362

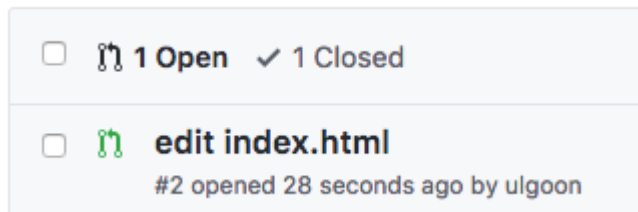
Add more commits by pushing to the **edit-index** branch on [ulgoon/kingwangzzang1234.github.io](https://github.com/ulgoon/kingwangzzang1234).



**This branch has no conflicts with the base branch**


Only those with [write access](#) to this repository can merge pull requests.


# Fork and Merge



# Fork and Merge

## edit index.html #2

 **Open** ulgoon wants to merge 1 commit into kingwangzzang1234:master from ulgoon:edit-index

 Conversation 0

 Commits 1

 Files changed 1




ulgoon commented 38 seconds ago

Contributor



add header, footer tag

 edit index.html ...

d81b362

Add more commits by pushing to the **edit-index** branch on [ulgoon/kingwangzzang1234.github.io](https://github.com/ulgoon/kingwangzzang1234).



**This branch has no conflicts with the base branch**

Merging can be performed automatically.


**Merge pull request**





You can also [open this in GitHub Desktop](#) or view [command line instructions](#).

# Fork and Merge

## edit index.html #2

 **Open** ulgoon wants to merge 1 commit into `kingwangzzang1234:master` from `ulgoon:edit-index`

 Conversation **0**  Commits **1**  Files changed **1**





ulgoon commented 38 seconds ago

Contributor



add header, footer tag

  edit index.html ...

d81b362

Add more commits by pushing to the **edit-index** branch on `ulgoon/kingwangzzang1234.github.io`.



Merge pull request #2 from ulgoon/edit-index

edit index.html

**Confirm merge**

Cancel

# Fork and Merge

## edit index.html #2

**Merged** kingwangzzang... merged 1 commit into kingwangzzang1234:master from ulgoon:edit-index just now

Conversation 0 Commits 1 Files changed 1



ulgoon commented 38 seconds ago

Contributor



add header, footer tag

edit index.html ...

d81b362



kingwangzzang1234 merged commit 45d71fa into kingwangzzang1234:master just now

Revert

# Assignment

Try git